

Amendments to the Specification:

Insert the paper copy of the Sequence Listing filed herewith following the Drawings.

Please amend the paragraph beginning at page 63, line 18, as follows:

Antibodies against Zap70, Lck, PKC θ , Itch and calcineurin were obtained from BD Transduction Labs. Antibodies to Fyn, RasGAP, SOS, Vav-1 and Nedd4 were purchased from Upstate Biotechnologies. Santa Cruz antibodies were used to detect CD3 δ , Mekk-2, RasGRP, ubiquitin, PLC- γ 2, Cbl-b, NF κ B p65, NF κ B p50, IKK γ , Myc- and HA-tagged proteins. Antibody to the AU.1 epitope tag was purchased from Covance, anti-Akt from Cell signaling, anti-Tsg101 from Genetex and anti-IKK β from Biosource. Antibodies against NFAT1 and NFAT5 were produced in the lab and antibodies against Gads, LAT, p85 PI3K, SHP-1, SHP-2, and PTP-1B were obtained. Endogenous PLC- γ 1 was detected with a polyclonal antiserum that was raised against the epitope APRRTRVNGDNR (SEQ ID NO:[19]31) representing the very C-terminal amino acids of the protein. Importantly the epitope does not contain any tyrosine residues and only one threonine residue, which is not part of any predictable phosphorylation motif as judged by the Scansite computer program. Furthermore a commercial antibody source, comprising a pool of 4 different monoclonal antibodies (Upstate Biotechnologies), also allowed visualization of the differences in PLC- γ 1 protein levels in untreated and anergic T cells, when the antibody was used at a 5 fold higher dilution than recommended.

Please amend the paragraph beginning at page 66, line 9, as follows:

Total RNA was prepared from untreated or ionomycin-pretreated D5 cells using Ultraspec reagent (Biotecx). cDNAs were synthesized from 2 μ g of total RNA as template, using a cDNA synthesis kit (Invitrogen). Quantitative real time-PCR was performed in an I-Cycler (BioRad) using a SYBR Green PCR kit (Applied Biosystems). The sequences of the primer pairs are as follows:

L32 sense 5'-CGTCTCAGGCCTTCAGTGAG-3' (SEQ ID NO:[20]30);

L32 anti-sense 5'-CAAGAGGGAGAGCAAGCCTA-3' (SEQ ID NO:21);
PLC- γ 1 sense 5'-AAGCCTTTGACCCCTTTGAT-3' (SEQ ID NO:22);
PLC- γ 1 anti-sense 5'-GGTTCAGTCCGTTGTCCACT-3' (SEQ ID NO:23);
Itch sense 5'-GTGTGGAGTCACCAGACCCT-3' (SEQ ID NO:24);
Itch anti-sense 5'-GCTTCTACTTGCAGCCCATC-3' (SEQ ID NO:25);
Cbl-b sense 5'-CTTAAATGGGAGGCACAGTAGAAT-3' (SEQ ID NO:26);
Cbl-b anti-sense 5'-CAGTACACTTTATGCTTGGGAGAA-3' (SEQ ID NO:27);
Grail sense 5'-GTAACCCGCACACCAATTTC-3' (SEQ ID NO:28);
Grail anti-sense-5'GTGAGACATGGGGATGACCT3' (SEQ ID NO:29);